

Title (en)
COMPOSITING AN IMAGE FOR DISPLAY

Title (de)
ZUSAMMENSETZUNG EINES BILDES ZUR ANZEIGE

Title (fr)
COMPOSITION D'UNE IMAGE EN VUE D'UN AFFICHAGE

Publication
EP 3516480 A1 20190731 (EN)

Application
EP 17768209 A 20170908

Priority
• GB 201616229 A 20160923
• GB 2017052642 W 20170908

Abstract (en)
[origin: WO2018055332A1] A method for compositing display data at a remote device to form an image for display involves the remote device receiving (S62) elements of the image, where the image includes display data forming a background layer, display elements forming a foreground layers and an overlay data layer. The remote device receives (S63) sensor information indicating one or more of a position of an eye of a viewer, a direction of focus of the eye of the viewer, and/or a position of a display. It then determines (S64) movement of a line of sight between the eye of the viewer and the display, determines an estimate of a future position of the line of sight at a future time based on the determined movement of the line of sight, and determines (S65) an adjustment to be made to the image based on the future position of the line of sight. The display elements of the foreground layer are composited (S66) relative to the display data of the background layer according to the determined adjustment and the composited image is forwarded (S67) for display at the future time.

IPC 8 full level
G06F 3/01 (2006.01); **G02B 27/01** (2006.01); **G06F 3/0481** (2013.01); **G06T 11/60** (2006.01); **G06T 19/00** (2011.01)

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G02B 27/017 (2013.01 - EP GB); **G06F 3/011** (2013.01 - EP); **G06F 3/012** (2013.01 - EP US); **G06F 3/013** (2013.01 - EP US); **G06F 3/04815** (2013.01 - EP); **G06T 11/60** (2013.01 - EP); **G06T 15/20** (2013.01 - EP); **G06T 15/503** (2013.01 - EP); **G06T 19/006** (2013.01 - GB); **G09G 5/377** (2013.01 - US); **H04N 13/332** (2018.05 - GB); **H04N 13/366** (2018.05 - GB); **G02B 27/0093** (2013.01 - GB); **G02B 2027/014** (2013.01 - EP); **G02B 2027/0178** (2013.01 - EP); **G02B 2027/0187** (2013.01 - EP); **G06F 3/012** (2013.01 - GB); **G06F 3/013** (2013.01 - GB); **G06T 2219/2016** (2013.01 - GB); **G06T 2219/2021** (2013.01 - GB); **G09G 2340/0464** (2013.01 - US); **G09G 2340/12** (2013.01 - US); **G09G 2350/00** (2013.01 - US); **G09G 2354/00** (2013.01 - US); **G09G 2370/16** (2013.01 - US); **H04N 13/156** (2018.05 - GB); **H04N 13/275** (2018.05 - GB); **H04N 19/115** (2014.11 - EP); **H04N 19/136** (2014.11 - EP); **H04N 19/17** (2014.11 - EP)

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